

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	1	10/525940	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 12:27
S5	98	("4435827" "5450346" "5852666" "5904187" "5907494" "4374451" "5015774" "5293022" "5321698" "5411686" "5470631" "5718786" "5732749" "5781633" "5815400" "5960087" "6049838" "6210644" "6210644" "6227375" "4251224" "4300196" "4377890" "4412288" "4412735" "4441065" "4440597" "4468204" "4474283" "4497415" "4623064" "4756126" "4762744" "4796194" "4804077" "4829445" "4829717" "4835987" "4840838" "5196092" "5207962" "5240561" "5259436" "5260171" "5262107" "5266929" "5275700" "5277728" "5289577" "5295068").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:32
S6	0	("4435827" "5450346" "5852666" "5904187" "5907494" "4374451" "5015774" "5293022" "5321698" "5411686" "5470631" "5718786" "5732749" "5781633" "5815400" "5960087" "6049838" "6210644" "6210644" "6227375" "4251224" "4300196" "4377890" "4412288" "4412735" "4441065" "4440597" "4468204" "4474283" "4497415" "4623064" "4756126" "4762744" "4796194" "4804077" "4829445" "4829717" "4835987" "4840838" "5196092" "5207962" "5240561" "5259436" "5260171" "5262107" "5266929" "5275700" "5277728" "5289577" "5295068").pn. and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:42
S9	0	29/428 and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:45

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S10	0	29/429 and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:46
S11	0	29/430 and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:46
S12	0	29/592 and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:46
S13	0	29/563 and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:46
S14	0	29/33R and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:46
S15	2	"362"/\$ and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:48
S18	2	"264"/\$ and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:48
S16	4	"451"/\$ and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:49
S8	7	"198"/\$ and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:50
S17	9	"156"/\$ and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 15:52

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S7	14	"700"/\$ and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:02
S19	48	"250"/\$ and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:02
S20	5	"315"/\$ and identif\$6 with (object obstruct\$4) same machine same (optical sensor laser illuminat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:02
S21	150	identif\$6 with (object obstruct\$4collision collid\$3) with machine same (optical sensor laser illuminat\$6) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:11
S22	0	identif\$6 with (obstruct\$4collision collid\$3) with machine same (optical sensor laser illuminat\$6) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:12
S23	0	identif\$6 with (obstruct\$4collision collid\$3) same machine same (optical sensor laser illuminat\$6) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:12
S24	2	identif\$6 same (obstruct\$4collision collid\$3) same machine same (optical sensor laser illuminat\$6) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:13
S26	116	identif\$8 same (obstruct\$4collision collid\$3) same (optical sensor laser illuminat\$6) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:14
S27	5	"700"/\$ and identif\$8 same (obstruct\$4collision collid\$3) same (optical sensor laser illuminat\$6) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:14
S28	21	identif\$8 with (obstruct\$4collision collid\$3) same (optical sensor laser illuminat\$6) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:19

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S29	60	identif\$8 with (obstruct\$4collision collid\$3) and (process machine) same (optical sensor laser illuminat\$6) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:19
S30	2	identif\$8 with (obstruct\$4collision collid\$3) same (process machine) same (optical sensor laser illuminat\$6) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:20
S31	10	identif\$8 with (obstruct\$4collision collid\$3) same (optical sensor laser illuminat\$6) and (process machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:23
S32	72	identif\$8 with (obstruct\$4collision collid\$3) same (optical sensor sens\$4 detect\$4 laser illuminat\$6) and (process machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:24
S33	16	identif\$8 with (obstruct\$4collision collid\$3) same (optical sensor sens\$4 detect\$4 laser illuminat\$6) same (process machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:28
S34	16	identif\$8 with (obstruct\$4collision collid\$3) same (optical sensor sens\$4 detect\$4 laser illuminat\$6) same (process manufactur\$4 machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:28
S35	17	identif\$8 with (obstruct\$4collision collid\$3) same (optical sensor sens\$4 detect\$4 laser illuminat\$6) same (process manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:28
S36	802	(obstruct\$4collision collid\$3) with (optical sensor sens\$4 detect\$4 laser illuminat\$6) same (process manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:29
S37	480	(obstruct\$4collision collid\$3) with (optical sensor sens\$4 detect\$4 laser illuminat\$6) with (process manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:29

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S38	21	(obstruct\$4collision collid\$3) with (sensor sens\$4 detect\$4) with (optical laser illuminat\$6) with (process manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 16:56
S39	23	(obstruct\$4collision collid\$3) with (sensor sens\$4 detect\$4) with (optical laser illuminat\$6) same (process manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:05
S40	29	(obstruct\$4collision collid\$3) with (sensor sens\$4 detect\$4) with (optical laser illuminat\$6) same (process manufactur\$4 equipment machine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:05
S41	654	(obstruct\$4collision collid\$3) with (sensor sens\$4 detect\$4 optical laser illuminat\$6) with (process manufactur\$4 equipment machine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:05
S42	329	(obstruct\$4collision collid\$3) with (sensor sens\$4 detect\$4 optical laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:06
S43	1844	(obstruct\$4 collision collid\$3) with (sensor sens\$4 detect\$4 optical laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:06
S44	1312	(obstruct\$4 collision collid\$3) near6 (sensor sens\$4 detect\$4 optical laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:07
S45	18	"700"/\$ and (obstruct\$4 collision collid\$3) near6 (sensor sens\$4 detect\$4 optical laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:07

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S46	66	"318"/\$ and (obstruct\$4 collision collid\$3) near6 (sensor sens\$4 detect\$4 optical laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:07
S47	164	"340"/\$ and (obstruct\$4 collision collid\$3) near6 (sensor sens\$4 detect\$4 optical laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:07
S25	5	identif\$8 same (obstruct\$4 collision collid\$3) same machine same (optical sensor laser illuminat\$6) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:12
S48	13	identif\$8 same (obstruct\$4 collision collid\$3 obstacle) same machine same (optical sensor laser illuminat\$6) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:18
S49	1451	(obstruct\$4 collision collid\$3 obstacle) same (manufactur\$4 equipment machine) same (optical sensor laser illuminat\$6) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:18
S50	820	(obstruct\$4 collision collid\$3 obstacle) with (optical sensor laser illuminat\$6) same (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:20
S51	462	(obstruct\$4 collision collid\$3 obstacle) with (optical sensor laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:21
S52	14	"700"/\$ and (obstruct\$4 collision collid\$3 obstacle) with (optical sensor laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:22
S54	32	"318"/\$ and (obstruct\$4 collision collid\$3 obstacle) with (optical sensor laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:23

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S55	30	"340"/\$ and (obstruct\$4collision collid\$3 obstacle) with (optical sensor laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:23
S56	0	"315"/\$ and (obstruct\$4collision collid\$3 obstacle) with (optical sensor laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:23
S57	46	"250"/\$ and (obstruct\$4collision collid\$3 obstacle) with (optical sensor laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 17:23
S53	6	"33"/\$ and (obstruct\$4collision collid\$3 obstacle) with (optical sensor laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 22:55
S58	2	"33"/\$ and (obstruct\$4collision collid\$3 obstacle) with (optical laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 22:55
S59	230	(obstruct\$4collision collid\$3 obstacle) with (optical laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/22 23:33
S60	60	(obstruct\$4collision collid\$3 obstacle) with (sens\$4 detect\$4) with (optical laser illuminat\$6) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/24 22:20
L2	16	(obstruct\$4collision collid\$3 obstacle) with (sens\$4 detect\$4) with (optical laser illuminat\$6) same (manufactur\$4 equipment machine) and (optical laser illuminat\$6) with (pattern project\$4) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/24 22:30

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L3	10	(obstruct\$4collision collid\$3 obstacle) with (sens\$4 detect\$4) with (optical laser illuminat\$6) same (manufactur\$4 equipment machine) and (optical laser illuminat\$6) with (pattern project\$4) same (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/24 22:39
L4	35	(obstruct\$4collision collid\$3 obstacle) with (sens\$4 detect\$4) with (optical laser illuminat\$6) and (optical laser illuminat\$6) with (pattern project\$4) same (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/24 22:39
L5	13	(obstruct\$4collision collid\$3 obstacle) with (sens\$4 detect\$4) with (optical laser illuminat\$6) and (optical laser illuminat\$6) with (pattern project\$4) with (manufactur\$4 equipment machine) and (@ad<"20020828" @rlad<"20020828")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/24 22:40